

Increasing Utilization of Non-Prescriber Initiated Patient Order Sets (NIPOs) in the Pediatric Emergency Department (PED) to Improve Patient Outcomes



Presenters:
 Jenna Spencer, DNP, APRN, ACCNS-P, CPEN
 and Elsbeth K. Markie, MS, RN, CPEN, AE-C

INTRODUCTION: Evidence suggests that NIPOs are important to patient care in that they: expedite care, reduce wait times, decrease deterioration in patient status, provide prompt lab and imaging results, and improve patient and family satisfaction.

AIM: The goal of this project was to increase the amount of NIPOs available, increase the volume of nurses initiating NIPOs, and to assess clinical and statistical significance for the patient, specifically decreased time to intervention and decreased length of stay (LOS).

- METHODS:**
- We planned and executed an educational campaign with visual aids, real time feedback, and email updates.
 - We performed manual chart reviews and utilized analytics software in the electronic medical record.
 - We analyzed the data with Clinical Analytics in EPIC and put the data into run charts with QI Macros and tables in Microsoft Excel.

DISCUSSION: This project had a positive impact on staff satisfaction as well as patient clinical significance in our PED. It was successful because we were able to get buy - in from nursing and provider staff. The results were impressive initially and continue to be exciting and consistent.

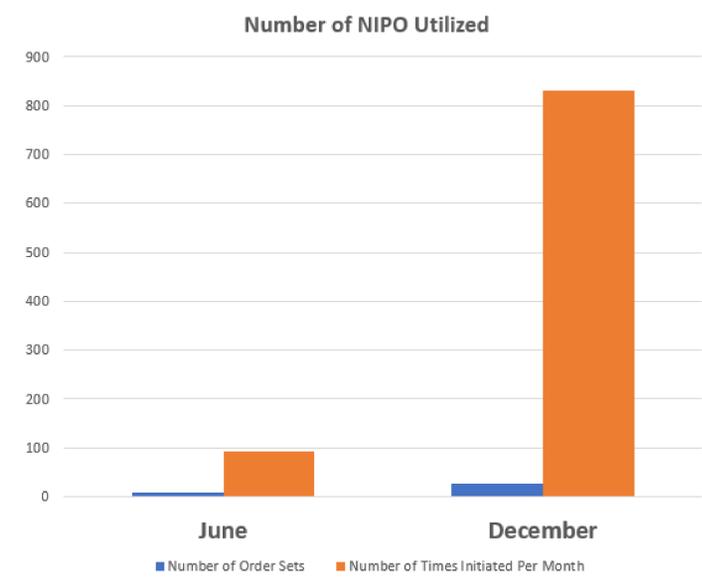
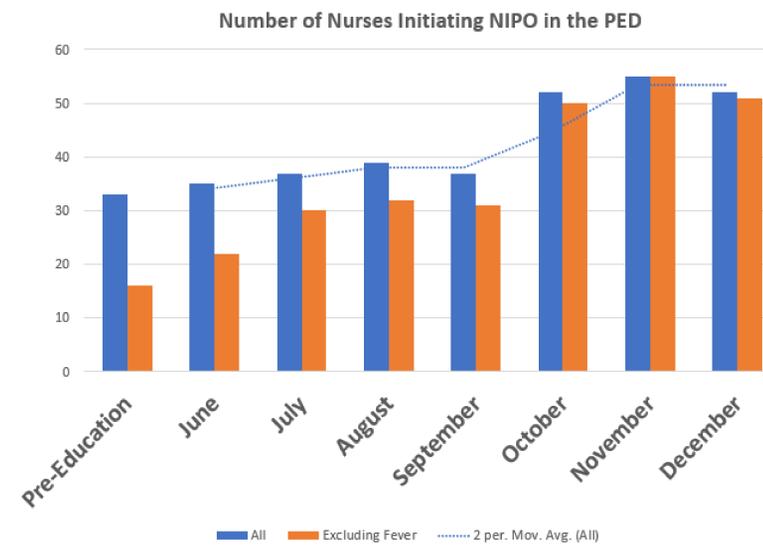
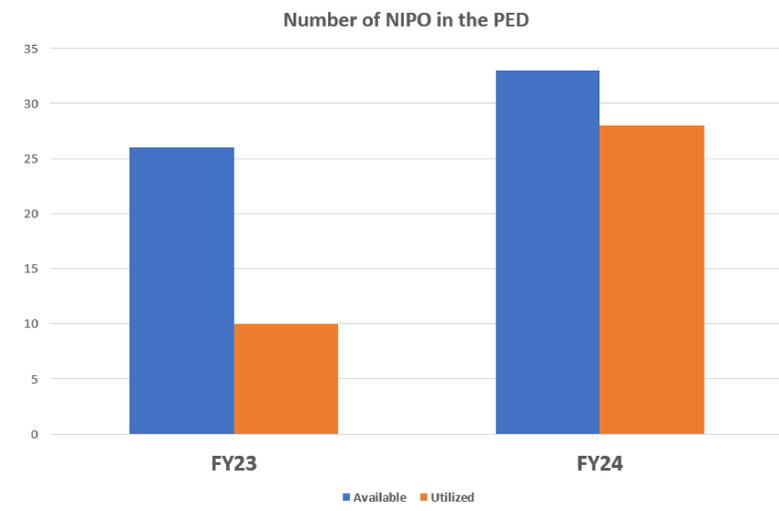


Nurse-driven Non-Prescriber Initiated Patient Order Sets make significant differences! We saw clinical and statistical improvements in our patients' care. Look at the changes in length of stay, time to treatment, and more for the following indications: vomiting, wheezing, respiratory illness, immunocompromised fever.



Please scan to view data analysis and visualization with run charts, etc. References also available.

Tables & Figures



Jenna Spencer, DNP, APRN, ACCNS-P, CPEN; Elsbeth K. Markie, MS, RN, CPEN, AE-C; Madison Dikdan, BS, CNA; Riley Grant McAuley, BSN, RN; Blair Nieman, BSN, RN; Cathy Park, MSN, RN, CPEN
 All authors are affiliated with the Johns Hopkins Children's Center, Nursing Department